



# Product Evaluation

DR705 | 1114

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** DR-705

**Effective Date:** November 1, 2014

**Re-evaluation Date:** December 2018

**Product Name:** 6'-8" & 8'-0" Glazed Fiberglass Masonite Entry Double Doors, Inswing & Outswing, Non-Impact Resistant

**Manufacturer:** Endura Products, Inc.  
8811 West Market Street  
Colfax, NC 27235  
(336) 668-2472

## General Description:

System	Description	Label Rating	Drawing Number
1	6'-0" x 6'-8" Lip Lite Glazed Fiberglass, Double Door, Inswing/Outswing; (XX)	<u>Ultimate Trilennium Astragal</u> Inswing +40/-45 psf Outswing +35/-35 psf	TX-4432
2	6'-0" x 6'-8" Flush Glazed Fiberglass Double Door, Inswing/Outswing; (XX)	<u>Ultimate Trilennium Astragal</u> Inswing +45/-45 psf Outswing +55/-55 psf	TX-4432
3	6'-0" x 8'-0" Lip Lite Glazed Fiberglass, Double Door, Inswing/Outswing; (XX)	<u>Ultimate Trilennium Astragal</u> Inswing +40/-45 psf Outswing +35/-40 psf	TX-4433
4	6'-0" x 8'-0" Flush Glazed Fiberglass, Double Door, Inswing/Outswing; (XX)	<u>Ultimate Trilennium Astragal</u> Inswing +40/-40 psf Outswing +45/-45 psf	TX-4433

**Component Dimensions:**

System	Overall Size	Panel Size	Maximum Daylight Opening Size
1	Inswing: 73-31/32" x 81-15/16" Outswing: 73-31/32" x 81-1/8"	35-3/4" x 79-1/4"	21" x 63"
2	Inswing: 73-31/32" x 81-15/16" Outswing: 73-31/32" x 81-1/8"	35-3/4" x 79-1/4"	21" x 63"
3	Inswing: 73-15/16" x 97-11/16" Outswing: 73-15/16" x 97-7/8"	35-3/4" x 95-1/4"	21" x 79"
4	Inswing: 73-15/16" x 97-11/16" Outswing: 73-15/16" x 97-7/8"	35-3/4" x 95-1/4"	21" x 79"

**Components and Hardware:**

System	Component	Quantity	Attachment Method
1-4	4" Butt Hinges	3 (6'-8" doors) 4 (8'-0" doors)	Install hardware in accordance with Endura Products drawings TX-4432 and TX-4433, dated January 16, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on January 20, 2014.
	Multi-point strike plates	3	
	Trilennium 3000 Series multi-point locking system	1	

**Product Identification (Certification Agency Label on Door):**

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	6'-0" x 6'-8" Lip Lite Glazed Fiberglass, Double Door, Inswing/Outswing
	Drawing	TX-4432
	Test Standards	ASTM E 330-02
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	6'-0" x 6'-8" Flush Glazed Fiberglass Double Door, Inswing/Outswing
	Drawing	TX-4432
	Test Standards	ASTM E 330-02

**Product Identification (Certification Agency Label on Door):**

System		
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	6'-0" x 8'-0" Lip Lite Glazed Fiberglass, Double Door, Inswing/Outswing
	Drawing	TX-4433
	Test Standards	ASTM E 330-02
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Endura Products
	Product Name	6'-0" x 8'-0" Flush Glazed Fiberglass, Double Door, Inswing/Outswing
	Drawing	TX-4433
	Test Standards	ASTM E 330-02

**Impact Resistance:**

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require protection from windborne debris.

**Installation:**

System		
1-4	Type of Installation	Door Frame
	Wall Framing	Wood ( $G \geq 0.42$ ) or Concrete (minimum 3000 psi)
	Fasteners	Minimum No. 10 x 2-1/2" PFH wood screws 1/4" Elco or ITW concrete screws
	Fastener Embedment	Wood: Minimum of 1.15" into the wall framing Concrete: Minimum of 1-3/4" into the concrete
	Fastener Location/Spacing	Install and anchor the doors in accordance with Endura Products drawings TX-4432 & TX-4433, dated January 16, 2014, signed and sealed by Lyndon F. Schmidt, P.E. on January 20, 2014.

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.